

=====

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: Wed Aug 08 14:20:10 EDT 2007

=====

Reviewer Comments:

<210> 1

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc_feature

<222> (1)..(3)

<223> Xaa Xaa Xaa can be Glu-Gln-Arg, Arg-Lys, Arg-Lys-Asp
sequences or Arg amino acid or a bond and up to
3 residues may be present or absent

The above is a portion of Sequence 1: please note the above <223>
response: "Xaa" can only represent a single amino acid--it cannot
represent a bond. Same error in Sequences 10-11.

<210> 7

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic Peptide

<220>

<221> MOD_RES

<222> (1)..(1)

<223> BLOCKED

<220>

<221> MOD_RES

<222> (5)..(5)

<223> AMIDATION

<220>

<221> misc_feature

<222> (5)..(5)

<223> Xaa = dihydrophenylalaline amide.

<400> 7

Arg Lys Asp Val Xaa

1 5

In the above <223> response, do you mean "dihydrophenylalanine"? (looks misspelled)

Application No: 10565009 Version No: 2.0

Input Set:**Output Set:**

Started: 2007-08-07 18:49:55.448
Finished: 2007-08-07 18:49:57.705
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 257 ms
Total Warnings: 12
Total Errors: 14
No. of SeqIDs Defined: 12
Actual SeqID Count: 12

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
E 257	Invalid sequence data feature in <221> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
E 257	Invalid sequence data feature in <221> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
E 257	Invalid sequence data feature in <221> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
E 257	Invalid sequence data feature in <221> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
E 257	Invalid sequence data feature in <221> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
E 257	Invalid sequence data feature in <221> in SEQ ID (10)

Input Set:

Output Set:

Started: 2007-08-07 18:49:55.448
Finished: 2007-08-07 18:49:57.705
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 257 ms
Total Warnings: 12
Total Errors: 14
No. of SeqIDs Defined: 12
Actual SeqID Count: 12

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
E 257	Invalid sequence data feature in <221> in SEQ ID (11)
E 257	Invalid sequence data feature in <221> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
E 257	Invalid sequence data feature in <221> in SEQ ID (12)
E 257	Invalid sequence data feature in <221> in SEQ ID (12)

SEQUENCE LISTING

<110> PINEL Anne-Marie
HOCQUAUX Michel

<120> NOVEL PEPTIDIC CONJUGATES FOR ALOPECIA PREVENTIVE
AND CURATIVE TREATMENT

<130> 3493-0157PUS1

<140> 10565009

<141> 2006-01-18

<150> US 10/565,009

<151> 2006-01-18

<150> PCT/FR2004/001882

<151> 2004-07-16

<150> FR 03/08797

<151> 2003-07-18

<160> 12

<170> PatentIn version 3.2

<210> 1

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic Peptide

<220>

<221> misc_feature

<222> (1)..(3)

<223> Xaa Xaa Xaa can be Glu-Gln-Arg, Arg-Lys, Arg-Lys-Asp
sequences or Arg amino acid or a bond and up to
3 residues may be present or absent

<220>

<221> misc_feature

<222> (7)..(11)

<223> Xaa Xaa Xaa Xaa Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide,
Leu-DOPA sequences, the amino acids Dopa amide or HomoPhe
amide and up to 4 residues may be present or absent

<400> 1

Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa

1

5

10

<210> 2

<211> 11

<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> misc_feature
<222> (1)..(3)
<223> Xaa Xaa Xaa can be Gly-Gln-Gln or Glu-Gln sequences and up to
1 residue may be present or absent

<220>
<221> misc_feature
<222> (7)..(11)
<223> Xaa Xaa Xaa Xaa Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA,
Val-Tyr, Val-Tyr-amide sequences, or the amino acids Tyr, Tyr
amide, Dopa amide or HomoPhe amide amide and up to 4 residues may
be present or absent

<400> 2

Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 3
<211> 11
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> BLOCKED

<220>
<221> misc_feature
<222> (1)..(3)
<223> Xaa Xaa Xaa can be Glu-Gln-Arg, Arg-Lys, Arg-Lys-Asp sequences
or Arg amino acid or a bond and up to 3 residues may
be present or absent

<220>
<221> misc_feature
<222> (7)..(11)
<223> Xaa Xaa Xaa Xaa Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA
sequences, the amino acids Dopa amide or HomoPhe amide and up to
4 residues may be present or absent

<400> 3

Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa

1 5 10

<210> 4
<211> 11
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> BLOCKED

<220>
<221> misc_feature
<222> (1)..(3)
<223> Xaa Xaa Xaa can be Gly-Gln-Gln or Glu-Gln sequences and up to
1 residue may be present or absent

<220>
<221> misc_feature
<222> (7)..(11)
<223> Xaa Xaa Xaa Xaa Xaa can be Tyr-Val-Gln-Leu-Tyr-Amide, Leu-DOPA,
Val-Tyr, Val-Tyr-amide sequences, or the amino acids Tyr, Tyr
amide, Dopa amide or HomoPhe amide and up to 4 residues
may be present or absent

<400> 4

Xaa Xaa Xaa Lys Asp Val Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 5
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> BLOCKED

<220>
<221> MOD_RES
<222> (5)..(5)
<223> AMIDATION

<220>

<221> misc_feature
<222> (5)..(5)
<223> Xaa = homophenylalanine amide.

<400> 5

Arg Lys Asp Val Xaa
1 5

<210> 6
<211> 4
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> BLOCKED

<220>
<221> MOD_RES
<222> (4)..(4)
<223> AMIDATION

<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa = dihydrophenylalanine amide.

<400> 6

Lys Asp Val Xaa
1

<210> 7
<211> 5
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> BLOCKED

<220>
<221> MOD_RES
<222> (5)..(5)
<223> AMIDATION

<220>
<221> misc_feature
<222> (5)..(5)
<223> Xaa = dihydrophenylalaline amide.

<400> 7

Arg Lys Asp Val Xaa
1 5

<210> 8
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> misc_feature
<222> (1)..(3)
<223> Each Xaa is Lys or MeLys and up to two residues may be present
or absent

<400> 8

Xaa Xaa Xaa Gly His Lys
1 5

<210> 9
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> misc_feature
<222> (1)..(3)
<223> Each Xaa is Lys or MeLys and up to two residues may be present
or absent

<220>
<221> MOD_RES
<222> (6)..(6)
<223> AMIDATION

<400> 9

Xaa Xaa Xaa Gly His Lys
1 5

<210> 10

<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> BLOCKED

<220>
<221> misc_feature
<222> (1)..(3)
<223> Each Xaa is Lys, MeLys, or a bond and up to three residues may be present or absent

<400> 10

Xaa Xaa Xaa Gly His Lys
1 5

<210> 11
<211> 6
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic Peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> BLOCKED

<220>
<221> misc_feature
<222> (1)..(3)
<223> Each Xaa is Lys, MeLys, or a bond and up to three residues may be present or absent

<220>
<221> MOD_RES
<222> (6)..(6)
<223> AMIDATION

<400> 11

Xaa Xaa Xaa Gly His Lys
1 5

<210> 12
<211> 5

<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic peptide

<220>
<221> MOD_RES
<222> (1)..(1)
<223> BLOCKED

<220>
<221> MOD_RES
<222> (5)..(5)
<223> AMIDATION

<400> 12
Tyr Val Gln Leu Tyr
1 5